

Alaska Energy Cost Reduction Program Progress Report

Grantee: Alaska Power Company (a/k/a Alaska Power and Telephone Company)

Project Name: APC Mergers and Consolidation Project, Prince of Wales Island
(POW Upgrades)

Grant # 0073-DC-2002-I26

Period of Report: April 1, 2004 through June 30, 2004

Project activities completed:

The Klawock Over Current Protection (OCP) has been completed and implemented in July of 2003

The Kasaan Switchgear upgrade has been completed in 2002

The removal of abandoned TV cable in Klawock was completed in 2002

The insulation of the power plant building in Kasaan has been completed in 2002

Completed installing Raptor protection on Harbor View Drive in 2002

Replacement of undersized poles from Klawock to the POW Hatchery was completed in March of 2003.

Three phase power extensions to three customers were completed in 2002

Right-of-way issues were resolved and the Re-route of Anchorage Ave was completed March 2004

Replacement of deteriorated poles in Klawock was completed in March 2004

Project existing or potential problems:

None

Activities targeted for Next Reporting Period, April 1 thru June 30, 2004:

Continue with design and replacement of Thorne Bay Substation. Actual work is on hold until we complete the replacement of the 480-volt overhead distribution system. Transformers will be ordered in April. There is a 16-week delivery time.

We completed the replacement of the existing 480-volt overhead distribution circuit. We have received permission from USFS to replace their portion of primary underground service at the same time we are performing this work. A new 225-kva-padmout transformer has been ordered and delivery and installation is scheduled for July 30, 2004. This will complete the job.

Continue with design on replacement of 480-volt breakers with 4.16 kV OCRs. This work is also on hold until we complete the 480-volt distribution replacement.

Removal of abandoned TV cable and NESC violations In Thorne Bay will be worked on in 2004 as time allows. Completion scheduled for November 2004.